

# MATERIAL SAFETY DATA SHEET

Date revised: 01-26-04

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**ZYNOLYTE SPECIALTY SPRAYS - aerosol**  
Zynolyte is a registered trademark of the Glidden Company

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.

The following material safety data sheet covers the hazardous ingredients associated with more than one color aerosol product. As per 29 CFR 1900.1200 paragraph (g); whenever the hazards associated with similar mixtures are the same, then one MSDS may be prepared to cover several products.

## SECTION I - DISTRIBUTOR IDENTIFICATION



Athena Brands, Inc.  
Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Telephone No (Chemtrec): 1-800-424-9300  
Information Telephone No: (775) 782-0136

## SECTION II: HAZARDOUS INGREDIENTS / SARA III INFORMATION / OCCUPATIONAL EXPOSURE LIMITS

### ANODIZED BRONZE

Common Name	Acetone	Hydrocarbon Propellant	Xylene	MEK	Methyl Propyl Ketone	n-Butyl Acetate
Chemical Name	2-Propanone	Hydrocarbon Propellant	N / A	2-Butanone	2-Pentanone	Butyl Acetate
CAS #	67-64-1	68476-86-8	1330-20-7	78-93-3	107-87-9	123-86-4
ACGIH -TLV (TWA)	500 ppm	1000 ppm	100 ppm	200 ppm	200 ppm	150 ppm
OSHA -PEL (TWA)	1000 ppm	1000 ppm	100 ppm	200 ppm	200 ppm	150 ppm
SARA 313 Listed	no	no	yes	yes	no	no
ANODIZED BRONZE						
Code	Description	wt %	wt %	wt %	wt %	wt %
0800	Light Bronze	30% - 40%	20% - 30%	5% - 10%	1% - 5%	1% - 5%
0810	Bronze	30% - 40%	20% - 30%	5% - 10%	1% - 5%	1% - 5%
0820	Dark Bronze	30% - 40%	20% - 30%	5% - 10%	1% - 5%	1% - 5%

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### CHALKBOARD FINISH

Common Name	Hydrocarbon Propellant	Methyl isobutyl Ketone	Acetone	Xylene	Solvent, Light Aliphatic Naphtha	Mineral Spirits	Solvent, Heavy Aromatic Naphtha
Chemical Name	Hydrocarbon Propellant	2-Pentanone, 4-Methyl	2-Propanone	Benzene, Dimethyl	Solvent, Light Aliphatic Naphtha	Aliphatic Hydrocarbon	Solvent, Heavy Aromatic Naphtha
CAS #	68476-86-8	108-10-1	67-64-1	1330-20-7	64742-89-8	8052-41-3	64742-94-5
ACGIH -TLV (TWA)	1000 ppm	50 ppm	500 ppm	100 ppm	NA	100 ppm	NA
OSHA -PEL (TWA)	1000 ppm	100 ppm	1000 ppm	100 ppm	300 ppm	500 ppm	NA
SARA 313 Listed	no	yes	no	yes	no	no	no
CHALKBOARD FINISH							
Code	Description	wt %	wt %	wt %	wt %	wt %	wt %
2255	Black	30% - 40%	10% - 20%	20% - 30%	1% - 5%	5% - 10%	1% - 5%
2256	Green	20% - 30%		20% - 30%	5% - 10%	5% - 10%	

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### GLASS FROSTING

Common Name	Dimethyl Ether	MEK	Xylene	Solvent, Light Aliphatic Naphtha	n-Butyl Acetate
Chemical Name	Methyl Ether	2-Butanone	Benzene, Dimethyl	Solvent, Light Aliphatic Naphtha	Butyl Acetate
CAS #	115-10-6	78-93-3	1330-20-7	64742-89-8	123-86-4
ACGIH -TLV (TWA)	NA	200 ppm	100 ppm	NA	150 ppm
OSHA -PEL (TWA)	NA	200 ppm	100 ppm	300 ppm	150 ppm
SARA 313 Listed	no	yes	yes	no	no
GLASS FROSTING					
Code	Description	wt %	wt %	wt %	wt %
0152	Glass Frosting	50% - 60%	5% - 10%	1% - 5%	10% - 20%



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### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.7 - 0.8

**PHYSICAL STATE:** Aerosol

**VAPOR DENSITY:** Heavier than air

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** < 0° F (-18° C)

**METHOD USED:** Estimated

#### FLAMMABLE LIMITS:

Anodized Bronze **LEL:** 1.0% **UEL:** 15.0% Chalkboard Finish **LEL:** 0.7% **UEL:** 12.8% Glass Frosting **LEL:** 1.4% **UEL:** 18.0%

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, water spray

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray to cool containers exposed to heat or fire to prevent pressure build up.

Self-contained breathing apparatus should be used if product is involved in fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature.

**FLAMMABILITY:** Flammable aerosol under conditions of sparks, flame or hot surfaces.

**SENSITIVITY TO IMPACT:** Contents under pressure, do not puncture.

**SENSITIVITY TO STATIC DISCHARGE:** Primarily vapors

### SECTION V - REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Open flames, sparks, electrical arcs.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide, Carbon Dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

### SECTION VI - HEALTH HAZARD DATA

**INHALATION:** Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches.

**SKIN CONTACT:** Prolonged or repeated contact may cause irritation and dermatitis.

**EYE CONTACT:** Painful with slight to moderate irritation.

**SKIN ABSORPTION:** Not likely to be absorbed in toxic amounts under normal use.

**INGESTION:** Not likely in normal use but swallowing large amounts may be harmful.

**CARCINOGENICITY:** The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

**TERATOGENICITY:** Not established **MUTAGENICITY:** Not established

**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:** Not established

**EMERGENCY AND FIRST AID PROCEDURES:** INHALATION - Remove from exposure, seek medical attention if signs/symptoms persist.

SKIN - Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

EYES - Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

INGESTION - Do NOT induce vomiting, drink plenty of water, seek medical attention.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not store above 120° F (49° C). Do not store or use near heat, sparks or flame.

**OTHER PRECAUTIONS:** Do not smoke while using this product. Dust from sanding the dry paint film should be treated as a nuisance dust with an OSHA PEL (TWA) of 15 mg/cubic meter.

### SECTION VIII - CONTROL MEASURES

**RESPIRATORY PROTECTION:** In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.

**VENTILATION:** General ventilation to maintain exposure limits below TLV's as defined in Section II.

**PROTECTIVE GLOVES:** Chemical resistant gloves such as Neoprene or Nitrile rubber.

**EYE PROTECTION:** Safety glasses or goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not established.

**WORK / HYGIENIC PRACTICES:** Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

### SECTION IX - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.

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